

**Product Name :**  
Computerized Centrifugal Pump Trainer

**Product Code :**  
ENGLABINGCAG310004



**Description :**

Computerized Centrifugal Pump Trainer

**Technical Specification :**

**FEATURES:**

Determination of the flow rate by means of an electromagnetic flow rate sensor or an orifice plate flow meter and a differential pressure measurement  
Principle of operation of a centrifugal pump  
Closed water circuit  
Recording of pump characteristics  
Recording of system characteristics  
Manometer at the inlet and outlet of the centrifugal pump  
Calculation of efficiencies

**SPECIFICATION:**

Tank volume: 96L  
230V, 50Hz, 1 phase  
230V, 60Hz, 3 phases

**Centrifugal pump :**

Max. Flow rate: approx. 15m<sup>3</sup>/h  
Max. Head: approx. 16m

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Drive motor with variable speed :

Power output: 1,1kW

Speed range: 0...2400min<sup>-1</sup>

Measuring ranges :

Pressure: 1x -0,6...0bar, 1x 0...2,5bar

Flow rate: 5...600L/min

Speed: 0...5000min<sup>-1</sup>

Torque: 0...10Nm

Power consumption: 0...2,2kW



**Engineering Lab Equipment India**